

American Zinc Products
Pond progress meeting
Oct 6th 2021



Agenda

1. Site evaluation.
2. Site remediation.
3. Review action tracker.
4. General and closure.

1. Site Evaluation Status

- Phase 1 of soil and groundwater investigation completed last week
 - Boring logs underway
 - Soil samples at laboratory
 - Planning next phase – drilling issue and availability may delay.
- Sampling and Analysis Plan and QAPP issued.
- Second round of formal ravine water and sediment completed. Results expected on 10/07/2021 (lab delayed).
- Angled hand augured samples underneath tanks (feasibility tbc).
- Confirmation sampling to coincide with phase 1 excavation (see site remediation).
- Need to find pathway between ponds and ravine.

2. Site remediation

Phase 1 soil remediation:

- Scope: Remove bedding material to native soil under ponds.
- Planned depth of excavation ~ 18".
- Total estimated volume (150 cubic yards).
- Telescopic excavator to arrive on October 8th.
- Target dates:
 - Raffinate pond – week ending October 17th.
 - Depletion pond – week ending October 24th.
 - Maintenance pond – week ending October 31st (includes batten bar replacement).

Schedule risks:

- Profile development for Canton, Emelle.
 - Expect results on 10/07 for profile development.
- Logistics options:
 - STAT committed to 3 dump trucks per day (TBC).
 - SLI committed to 6 roll-offs.
 - VLS will be dumping and returning roll-offs already on site.

Liquid recovery systems:

- Maintenance pond system installed.
- Raffinate pond to be installed during week ending 10/17/2021.

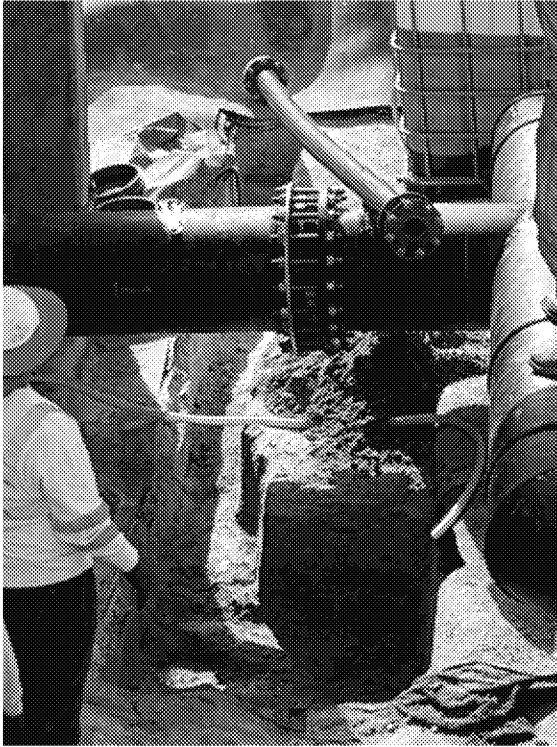


Liquid recovery system installation – maintenance pond



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3. Action tracker

Item #	Action	Responsible	Date added	Target completion date	Comments
1	Email to presentation to call participants.	Phil		24-Sep-21	Complete (9/24)
2	Schedule weekly update calls and include DWR on the next one.	AZP (Charlie)		23-Sep-21	Complete (9/24)
3	Gather all data from ravine 4 and send to EPA (Ken).	Phil		24-Sep-21	Complete (9/24)
4	Collect surface water / sediment samples at confluence w/ Broad River.	Phil		TBA	Complete (9/28)
5	Attempt sampling of sediment in west storm water pond.	Phil		1-Oct-21	Complete (9/28)
6	Sample liquid in west storm water pond.	EnSafe		1-Oct-21	Complete (9/24)
7	Provide Sampling Analysis Plan to EPA.	Phil		24-Sep-21	Complete (9/24)
8	Provide first draft proposal for soil remediation/removal.	Ensafe		1-Oct-21	See item 12
9	Install free liquid recovery system and remove accessible saturated soils in raffinate and maintenance ponds.	AZP (Kobus)		13-Oct-21	Maintenance pond completed on 10/01. Raffinate pond delayed due to rain. Forecast 10/14.
10	Review possible use of bentonite to prevent contamination migration to springs/Ravine #4.	EnSafe		TBA	On hold due to concerns with liquid finding alternative paths.
11	Continue installing monitoring wells for further delineation	EnSafe		TBA	Ensafe to confirm timing.
12	Phase 1 soil remediation	AZP	6-Oct-21	31-Oct-21	
13	Confirmation sampling of native soil	Ensafe	6-Oct-21	25-Oct-21	
14	Confirm drilling method and schedule (sonic vs. auger)	Ensafe	6-Oct-21		

4. General
